

In the Claims

Claims 1 through 22 are pending herein. Claims 1 through 22 are amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently Amended) ~~An assembly~~Assembly of bellows part and co-acting part, comprising a bellows part with a flexible wall of a predetermined shape and thickness which co-operates with ~~the a~~a co-acting part, which comprises a stiff outer wall along which the flexible wall is movable, wherein the co-acting part has a predetermined diameter variation.

2. (Currently Amended) ~~Assembly as claimed in~~The assembly of claim 1, wherein the co-acting part is a part against which unrolling takes place (~~unrolling part~~) and wherein the stiff outer wall has a predetermined diameter variation and/or the flexible wall has a predetermined thickness variation so as to cause a desired development of force.

3. (Currently Amended) ~~Assembly as claimed in claim 1 or 2~~The assembly of claim 1, wherein the flexible wall is partially turned back and wherein a turned-back edge is arranged on an outer end thereof for the purpose of absorbing a pressure force.

4. (Currently Amended) ~~Assembly as claimed in claim 2 or 3~~The assembly of claim 2, wherein the development of force is constant, increasing, decreasing or a combination thereof.

5. (Currently Amended) ~~Assembly as claimed in claim 2, 3 or 4~~The assembly of claim 2, wherein the development of force comprises one or more peaks.

6. (Currently Amended) ~~Assembly as claimed in any of the claims 1-5~~The assembly of claim 1, wherein an outer end of the co-acting part is conical.

7. (Currently Amended) ~~Assembly as claimed in any of the claims 1-6~~The assembly of claim 2, wherein the outer wall of the ~~unrolling part~~flexible wall comprises a thickened portion

for the purpose of causing a peak in the development of force.

8. (Currently Amended) ~~Assembly as claimed in any of the claims 1-7~~The assembly of claim 2, wherein the outer wall of the ~~unrolling part~~flexible wall comprises a bend.

9. (Currently Amended) ~~Assembly as claimed in claims 1-8~~The assembly of claim 2, wherein the outer wall of the ~~unrolling part~~flexible wall comprises a part of concave cross-section for the purpose of causing an increasing spring force.

10. (Currently Amended) ~~Assembly as claimed in any of the claims 1-9~~The assembly of claim 2, wherein the outer end of the ~~unrolling part~~flexible wall comprises a part of convex cross-section for the purpose of causing a decreasing spring force.

11. (Currently Amended) ~~Assembly as claimed in any of the claims 1-10~~The assembly of claim 2, wherein the thickness variation of the flexible wall of the bellows part at least partially determines the development of force.

12. (Currently Amended) ~~Assembly as claimed in any of the foregoing claims~~The assembly of claim 1, wherein the bellows part comprises a material selected from the group consisting of a ~~is of a~~ thermoplastic polymer ~~or and~~ an elastomer.

13. (Original) ~~Assembly as claimed in any of the foregoing claims~~The assembly of claim 1, wherein the flexible wall of the bellows part is substantially cylindrical.

14. (Currently Amended) ~~Assembly as claimed in any of the foregoing claims~~The assembly of claim 1, wherein the wall of the bellows part comprises a ~~is of~~ substantially convex cross-section.

15. (Currently Amended) ~~Assembly as claimed in any of the foregoing claims~~The assembly of claim 1, wherein the bellows part comprises at least one of an integrated pressure valve and/or ~~and~~ an integrated suction valve.

16. (Currently Amended) ~~Assembly as claimed in claim 15~~ The assembly of claim 15, wherein the integrated suction valve comprises ~~a number of, for instance three,~~ three legs which are connected to the flexible wall.

17. (Currently Amended) ~~Assembly as claimed in claim 16~~ The assembly of claim 16, wherein the legs are Z-shaped in top view for an improved spring action.

18. (Currently Amended) ~~Assembly as claimed in claims 15-17~~ The assembly of claim 15, wherein the suction valve comprises a guide protrusion for guiding the suction valve.

19. (Currently Amended) ~~Assembly as claimed in claims 15-18~~ The assembly of claim 15, wherein the integrated pressure valve ~~is~~ comprises a cylindrical flexible wall.

20. (Currently Amended) A pump, comprising ~~Pump comprising an assembly as recited in claim 1, claimed in any of the claims 1-19.~~

21. (Currently Amended) The pump of ~~Pump as claimed in claim 20,~~ further comprising a pistol mechanism in which the assembly is incorporated.

22. (Currently Amended) ~~Method~~ A method for using an assembly as ~~elaimed~~ recited in ~~any of the claims 1-19 and/or a pump as claimed in claims 20-21~~ claim 1, comprising rolling and unrolling the bellows part over at least a portion of the co-acting part.